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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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| Application Number | 10/815,388 |
| Filing Date | March 31, 2004 |
| First Named Inventor | Pablo Caviades |
| Group Art Unit | 1651 |
| Examiner Name | Allison M. Ford |
| Attorney Docket Number | USF-167XC1 |

Sheet 1 of 4

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|--------------------|-----------------------|--|----------------|
| af | R1 | ALLEN, D.D. <i>et al.</i> "Impaired cholinergic function in cell lines derived from the cerebral cortex of normal and trisomy 16 mice" <i>Eur. J. Neurosci.</i> , 2000, 12:3259-3264. | |
| af | R2 | ALLEN, D.D. <i>et al.</i> "A dorsal root ganglia cell line derived from trisomy 16 fetal mice, a model for Down syndrome" <i>NeuroReport</i> , 2002, 13:491-496. | |
| af | R3 | ANDREWS, B.A. <i>et al.</i> "Factors for the Optimization of the Culture of Neuronal Cell Lines for the Development of Cell Transplant Material" poster presented at the Cell Culture & Engineering Conference in Snowmass, CO, April 1-6, 2002. | |
| af | R4 | ARRIAGADA, C. <i>et al.</i> "Studies of aminochrome toxicity in a mouse derived neuronal cell line: is this toxicity mediated via glutamate transmission?" <i>Amino Acids</i> , 2000, 18:363-373. | |
| af | R5 | BARROS, V.G. <i>et al.</i> "Corticosterone down-regulates dopamine D ₄ receptor in a mouse cerebral cortex neuronal cell line" <i>Neurotoxicity Res.</i> , 2003, 5(5):369-374. | |
| af | R6 | BHADRIARAJU, K. and HANSEN, L.K. "Hepatocyte adhesion, growth and differentiated function on RGD-containing proteins" <i>Biomaterials</i> , 2000, 21:267-272. | |
| af | R7 | CÁRDENAS, A. <i>et al.</i> "Cell lines derived from hippocampal neurons of the normal and trisomy 16 mouse fetus (a model for down syndrome) exhibit neuronal markers, cholinergic function, and functional neurotransmitter receptors" <i>Experimental Neurology</i> , 2002, 177:159-170. | |
| af | R8 | CÁRDENAS, A. <i>et al.</i> "Establishment and characterization of immortalized neuronal cell lines derived from the spinal cord of normal and trisomy 16 fetal mice, an animal model of Down syndrome" <i>J. Neurosci. Res.</i> , 2002, 68:46-58. | |
| af | R9 | CÁRDENAS, A.M. <i>et al.</i> "Calcium signals in cell lines derived from the cerebral cortex of normal and trisomy 16 mice" <i>NeuroReport</i> , 1999, 10:363-369. | |
| af | R10 | CARMONA, M.T. and CAVIEDES, R. "Effects of factors derived from a tumor clonal cell line on DNA synthesis of transformed and non transformed cells" <i>Cell Biol Int Rep.</i> , 1985, 9(3):209-218. | |
| af | R11 | CAVIEDES, P. <i>et al.</i> "Calcium fluxes, ion currents and dihydropyridine receptors in a new immortal cell line from rat heart muscle" <i>J. Mol. Cell Cardiol.</i> , 1993, 25:829-845. | |
| af | R12 | CAVIEDES, R. and STANBURY, J.B. "Studies on a cell line from a functional rat thyroid tumor in continuous culture" <i>Endocrinology</i> , 1976, 99:549-554. | |
| af | R13 | CAVIEDES, R. <i>et al.</i> "Tetrodotoxin-sensitive sodium channels in a continuously cultured cell line derived from the adult rat cerebellum" <i>Brain Res.</i> , 1986, 365(2):259-268. | |

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| | | Group Art Unit | 1651 | | |
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| ag | R14 | CAVIEDES, R. <i>et al.</i> "Identification of kallikrein in cultures of adult renal cells" <i>Cell Biol Int Rep</i> , 1987, 11(10):735-743. | |
| ag | R15 | CAVIEDES, R. <i>et al.</i> "Ion channels in a skeletal muscle cell line from a Duchenne muscular dystrophy patient" <i>Muscle Nerve</i> , 1994, 17(9):1021-1028. | |
| ag | R16 | CHEN, G. <i>et al.</i> "Photoimmobilization of sulfated hyaluronic acid for antithrombogenicity" <i>Bioconj. Chem.</i> , 1997, 8:730-734. | |
| ag | R17 | CHIU, D.T. <i>et al.</i> "Patterned deposition of cells and proteins onto surfaces by using three-dimensional microfluidic systems" <i>Proc. Acad. Sci. USA</i> , 2000, 97:2408-2413. | |
| ag | R18 | CLÉMENCE, J.F. <i>et al.</i> "Photoimmobilization of a bioactive laminin fragment and pattern-guided selective neuronal cell attachment" <i>Bioconj. Chem.</i> , 1995, 6:411-417. | |
| ag | R19 | DELAMARCHE, E. <i>et al.</i> "Patterned diversity of immunoglobulins to surfaces using microfluidic networks" <i>Science</i> , 1997, 276:779-781. | |
| ag | R20 | EAGLE, H. <i>et al.</i> "Myo-inositol as an essential growth factor for normal and malignant human cells in tissue culture" <i>J. Biol. Chem.</i> , 1956, 123:845-847. | |
| ag | R21 | EAGLE, H. "Media for Animal Cell Culture" <i>Tissue Culture Association Manual</i> , 1976, 3:517-519. | |
| ag | R22 | EAGLE, H. "Amino acid metabolism in mammalian cell cultures" <i>Science</i> , 1959, 130:432-437. | |
| ag | R23 | EAGLE, H. "Nutrition needs of mammalian cells in tissue culture" <i>Science</i> , 1955, 122:501-504. | |
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| ag | R26 | LERNHARDT, W. and SPEAR, D. "Improved adherent mammalian cell transfection with ProNectin™ F recombinant attachment factor" <i>Strategies in Molecular Biology</i> , 1993, 5:48-50. | |

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| ag | R27 | LIBERONA, J.L. <i>et al.</i> "Expression of ion channels during differentiation of a human skeletal muscle cell line" <i>J. Muscle Res. Cell Motility</i> , 1997, 18:587-598. | |
| ag | R28 | LIBERONA, J.L. <i>et al.</i> "Differences in both inositol 1,4,5-trisphosphate mass and inositol 1,4,5-trisphosphate receptors between normal and dystrophic skeletal muscle cell lines" <i>Muscle & Nerve</i> , 1998, 21:902-909. | |
| ag | R29 | LIU, V.A. <i>et al.</i> "Engineering protein and cell adhesivity using PEO-terminated triblock polymers" <i>J. Biomed. Mater. Res.</i> , 2002, 60:126-134. | |
| ag | R30 | LOM, B. <i>et al.</i> "A versatile technique for patterning biomolecules onto glass coverslips" <i>J. Neurosci. Methods</i> , 1993, 50:385-397. | |
| ag | R31 | LWEBUGA-MUKASA, J.S. "A Mn ²⁺ -enhanced, RGD-dependent adhesion technique for isolation of adult rat type II alveolar epithelial cells for immediate functional studies" <i>Am. J. Respir. Cell Mol. Biol.</i> , 1994, 10:347-354. | |
| ag | R32 | MAUNG, K. <i>et al.</i> "Requirement for focal adhesion kinase in tumor cell adhesion" <i>Oncogene</i> , 1999, 18:6824-6828. | |
| ag | R33 | NEEDEL, D.L. <i>et al.</i> "Long-term support by injured brain extract of a subpopulation of ciliary ganglion neurons purified by differential adhesion" <i>Neurochem. Res.</i> , 1987, 12(10):901-907. | |
| ag | R34 | PARIS, I. <i>et al.</i> "Copper neurotoxicity is dependent on dopamine-mediated copper uptake and one-electron reduction of aminochrome in a rat substantia nigra neuronal cell line" <i>J. Neurochem.</i> , 2001, 77:519-529. | |
| ag | R35 | RUOSLAHTI E. and PIERSCHBACHER, M.D. "New perspectives in cell adhesion: RGD and Integrins" <i>Science</i> , 1987, 238:491-497. | |
| ag | R36 | SALAZAR, J. <i>et al.</i> "Intrastriatal implantation of RCSN adult rat substantia nigra-derived cells reverts rotational behaviour in 6OH dopamine lesioned rats" Abstract No. 300.8, Society for Neuroscience, Washington, D.C., 2003 | |
| ag | R37 | SINGHVI, R. <i>et al.</i> "Engineering cell shape and function" <i>Science</i> , 1994, 264:696-698. | |
| ag | R38 | STEDRONSKY, E.R. <i>et al.</i> "Injection molding of ProNectin® dispersed in polystyrene for the fabrication of plastic ware activated towards attachment of mammalian cells" <i>Materials Research Society Symposium Proceedings</i> , 1994, 330:157-164. | |
| ag | R39 | VARANI, J. <i>et al.</i> "Use of recombinant and synthetic peptides as attachment factors for cells on microcarriers" <i>Cytotechnology</i> , 1993, 13:89-98. | |

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| ad | R40 | ZHENG, J. <i>et al.</i> "Measurements of growth cone adhesion to culture surfaces by micromanipulation" <i>J. Cell Biol.</i> , 1994, 127(6, Part 2):2049-2060. | |
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